

Attachment 4 consists of the following:

- ✓ **Budget.** A summary of the budget for the Regional Turf Reduction Program based on and in support of the work plan (Attachment 3).

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Project Budget Summary

A proposal summary budget table consistent with Table 8 in the PSP is provided below as **Table 4-1** for the *Regional Turf Reduction Program* and the *DWA Energy Efficiency Project*. A cost breakdown is also provided by task, as shown in **Table 4-2**. A total grant request of \$2,499,950 is requested by Coachella Valley Water District (CVWD) and Desert Water Agency (DWA) from the Water-Energy Grant Program to implement the projects included in the Proposal. The agencies would provide a cost share of \$1,770,183 from local funds and in-kind services. The *Regional Turf Reduction Program* is an extension of a project that was awarded funding through the 2014 Drought Solicitation through the Integrated Regional Water Management (IRWM) Program. As explained in Attachment 3, as a result of outreach and other efforts, CVWD and DWA have experienced a significant influx in applicants for turf rebates; as a result of this influx both agencies have demonstrated needs for turf rebate funding beyond what was awarded through the 2014 Drought Solicitation. Further, both agencies have dedicated a substantial amount of funding match to rebate efforts. As such, neither the grant request nor the cost share included within this Proposal overlap with the grant request or cost share included within the 2014 Drought Solicitation grant award.

Information provided below in **Table 4-1** includes information requested by DWR for Table 8 of the Final PSP. Assumptions and information pertaining to **Table 4-1** is provided below:

- Personnel Services (in-kind services) includes costs that will be incurred directly by CVWD and DWA staff. Staff will complete work items in Task 1: Direct Project Administration and Reporting, Task 4: Environmental Documentation, Task 6: Proposal Monitoring Plan, and Task 7: Construction/ Implementation.
- There are no land acquisition or easements costs associated with either project.
- The projects do not include Grantee Expenses or equipment costs over \$5,000.
- Most of the work for the projects will be conducted in house by CVWD and DWA staff. A pumping contractor will be hired to complete the Construction/Implementation of the *DWA Energy Efficiency Project*; the cost for which is included in the Construction/Implementation category.
- The Construction/Implementation category includes costs to implement the *Regional Turf Reduction Program* and *DWA Energy Efficiency Project*, completed under Task 7.

Table 4-1: Proposal Budget Table

Line Item	Requested Grant Funding	Cost Share*	Total
Personnel Services – These individuals must be employed by the Grantee. If CEQA, construction services, or other work is done by Grantee's employee, costs are incurred in this category.	\$0	\$136,200	\$136,200
Land/Easement Acquisition	\$0	\$0	\$0
Grantee Expenses – All Grantee expenses directly associated with the project (e.g. document reproduction, office supplies and expenses, permit fees, materials, equipment)	\$0	\$0	\$0
Equipment – itemize each piece of equipment over \$5,000 (included in Construction / Implementation)	\$0	\$0	\$0
Professional and Consultant Services – None	\$0	\$0	\$0
Construction / Implementation	\$2,499,950	\$1,633,983	\$4,133,933
Total	\$2,499,950	\$1,770,183	\$4,270,133

***Sources of funding:** Cost share includes in-kind services and local funds from the CVWD and DWA. Local funds will include materials and equipment necessary to implement the onsite retrofits.

Table 4-2: Proposal Budget by Task

		Grant Request	Funding Match	Other State Funds Being Used	Total Cost
Task 1	Direct Project Administration and Reporting	\$0	\$27,600	\$0	\$27,600
Task 2	Easements	\$0	\$0	\$0	\$0
Task 3	Project Evaluation / Design/ Engineering	\$0	\$0	\$0	\$0
Task 4	Environmental Documentation	\$0	\$600	\$0	\$600
Task 5	Permitting	\$0	\$0	\$0	\$0
Task 6	Proposal Monitoring Plan	\$0	\$2,400	\$0	\$2,400
Task 7	Construction/Implementation	\$2,499,950	\$1,739,583	\$0	\$4,239,533
	Grand Total	\$2,499,950	\$1,770,183	\$0	\$4,270,133

In 2011 the Coachella Valley Regional Water Management Group (CVRWMG) was awarded a Proposition 84 Integrated Regional Water Management (IRWM) Implementation Grant to implement high-priority conservation initiatives in the Coachella Valley Region. CVRWMG is comprised of the two project proponents submitting this proposal, Coachella Valley Water District (CVWD) and Desert Water Agency (DWA), as well as City of Coachella/Coachella Water Authority, the City of Indio/Indio Water Authority, and Mission Springs Water District. CVWD and DWA based the budget for the *Regional Turf Reduction Program* upon the CVRWMG's collective experience implementing conservation programs and working with DWR; therefore, the budget is considered reasonable based on current available information.

The budget for the *DWA Energy Efficiency Project* is based on similar pump improvements performed in 2013 for DWA's Well 40. The invoices from the pump contractor for Well 40 improvements are provided as back-up as Appendix D of Attachment 3, Work Plan.

Descriptions of how the costs were developed for each task are provided in the following sections.

Regional Turf Reduction Program

A summary of the Regional Turf Reduction Program budget by task is provided in the following table. CVWD and DWA have requested \$2,402,050 in grant funding to implement the program. \$1,754,583 will be provided as funding match, resulting in a total cost of \$4,156,633.

Table 4-3: Regional Turf Reduction Program Budget by Task

		Grant Request	Funding Match	Other State Funds Being Used	Total Cost
Task 1	Direct Project Administration and Reporting	\$0	\$13,800	\$0	\$13,800
Task 2	Easements	\$0	\$0	\$0	\$0
Task 3	Project Evaluation / Design/ Engineering	\$0	\$0	\$0	\$0
Task 4	Environmental Documentation	\$0	\$0	\$0	\$0
Task 5	Permitting	\$0	\$0	\$0	\$0
Task 6	Proposal Monitoring Plan	\$0	\$1,200	\$0	\$1,200
Task 7	Construction/Implementation	\$2,402,050	\$1,739,583	\$0	\$4,141,633
	Grand Total	\$2,402,050	\$1,754,583	\$0	\$4,156,633

Task 1: Direct Project Administration

CVWD and DWA staff will conduct all necessary project administration work as described in the Work Plan (Attachment 3). Based upon previous experience executing and administering grants with DWR, CVWD and DWA estimate the cost for Task 1 to be \$13,800. This is based on the hours shown in the following table.

Table 4-4: Task 1 Budget

Activity	Discipline	Hourly Wage	Number of Hours	Total Cost
DWA Labor – Administration	Accountant	\$60	20	\$1,200
CVWD Labor – Administration	Accountant	\$60	20	\$1,200
DWA Labor – Administration	Conservation Coordinator	\$75	20	\$1,500
CVWD Labor – Administration	Conservation Coordinator	\$75	20	\$1,500
DWA Labor – Reporting	Accountant	\$60	20	\$1,200
CVWD Labor – Reporting	Accountant	\$60	20	\$1,200
DWA Labor – Reporting	Conservation Coordinator	\$75	40	\$3,000
CVWD Labor – Reporting	Conservation Coordinator	\$75	40	\$3,000
Task 1 Total				\$13,800

Task 2: Easements

This task is not applicable; therefore, there is no associated budget.

Task 3: Project Evaluation / Design / Engineering

This task is complete; work associated with this task is not included in the budget.

Task 4: Environmental Documentation

Environmental documentation is not required for the Regional Turf Reduction Program and is not included in the budget.

Task 5: Permitting

This task is not applicable; therefore, there is no associated budget.

Task 6: Proposal Monitoring Plan

CVWD and DWA staff will prepare the Proposal Monitoring Plan. Estimated level of effort and costs are shown in the following table.

Table 4-5: Task 6 Budget

Activity	Discipline	Hourly Wage	Number of Hours	Total Cost
DWA Labor – Prepare Plan	Conservation Coordinator	\$75	8	\$600
CVWD Labor – Prepare Plan	Conservation Coordinator	\$75	8	\$600
Task 6 Total				\$1,200

Task 7: Construction / Implementation

Implementation-related costs are based upon previous experience by the CVWD and DWA, and include labor costs necessary to implement Subtask 7.1: Implementation of the Turf Reduction Program and Subtask 7.2: Implementation of DWA Energy Efficiency Project. The total cost for Task 7 is \$4,141,633.

Implementation costs for the *Regional Turf Rebate Program* are shown in the following tables.

Table 4-6: Cost of Rebates

Deliverable	Unit	Unit Cost	Number of Units	Total Cost
CVWD Rebates – Golf Courses	Acres of Turf Replaced	\$30,000	83.33	\$2,499,900
DWA Rebates – Residential, Commercial, Municipal	Square Feet of Turf Replaced	\$2	768,066.67	\$1,536,133
Cost of Rebates				\$4,036,033

Table 4-7: Subtask 7.1 Develop Guidelines and Specifications Budget

Activity	Discipline	Hourly Wage by discipline (\$)	Number of Hours	Total (\$)
DWA Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
DWA Labor - staff to administer program	Conservation Coordinator	\$75	80	\$6,000
DWA Labor - staff to administer program	Conservation Staff	\$60	80	\$4,800
CVWD Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
CVWD Labor - staff to administer program	Conservation Coordinator	\$75	80	\$6,000
CVWD Labor - staff to administer program	Conservation Staff	\$60	80	\$4,800
Subtask 7.1 Develop Guidelines and Specifications Subtotal				\$35,200

Table 4-8: Subtask 7.2 Outreach Budget

Activity	Discipline	Hourly Wage by discipline (\$)	Number of Hours	Total (\$)
DWA Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
DWA Labor - staff to administer program	Conservation Coordinator	\$75	80	\$6,000
DWA Labor - staff to administer program	Conservation Staff	\$60	80	\$4,800
CVWD Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
CVWD Labor - staff to administer program	Conservation Coordinator	\$75	80	\$6,000
CVWD Labor - staff to administer program	Conservation Staff	\$60	80	\$4,800
Subtask 7.2 Outreach Subtotal				\$35,200

Table 4-9: Subtask 7.3 Rebate Program Implementation and Administration Budget

Activity	Discipline	Hourly Wage by discipline (\$)	Number of Hours	Total (\$)
DWA Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
DWA Labor - staff to administer program	Conservation Coordinator	\$7	80	\$6,000
DWA Labor - staff to administer program	Accountant	\$60	80	\$4,800
CVWD Labor - staff to administer program	Public Information Officer	\$85	80	\$6,800
CVWD Labor - staff to administer program	Conservation Coordinator	\$75	80	\$6,000
CVWD Labor - staff to administer program	Accountant	\$60	80	\$4,800
Subtask 7.3 Rebate Program Implementation and Administration Subtotal				\$35,200

DWA Energy Efficiency Project

A summary of the budget by task for the **DWA Energy Efficiency Project** is provided in the following table. The total project cost is \$113,500. DWA has requested \$97,900 to implement the project and will provide a funding match of \$15,600.

Table 4-10: DWA Energy Efficiency Project Budget by Task

		Grant Request	Funding Match	Other State Funds Being Used	Total Cost
Task 1	Direct Project Administration and Reporting	\$0	\$13,800	\$0	\$13,800
Task 2	Easements	\$0	\$0	\$0	\$0
Task 3	Project Evaluation / Design/ Engineering	\$0	\$0	\$0	\$0
Task 4	Environmental Documentation	\$0	\$600	\$0	\$600
Task 5	Permitting	\$0	\$0	\$0	\$0
Task 6	Proposal Monitoring Plan	\$0	\$1,200	\$0	\$1,200
Task 7	Construction/Implementation	\$97,900	\$0	\$0	\$97,900
	Grand Total	\$97,900	\$15,600	\$0	\$113,500

Task 1: Direct Project Administration

CVWD and DWA staff will conduct all necessary project administration work as described in the Work Plan (Attachment 3). Based upon previous experience executing and administering grants with DWR, CVWD and DWA estimate the cost for Task 1 to be \$13,800. This is based on the hours shown in the following table.

Table 4-11: Task 1 Budget

Activity	Discipline	Hourly Wage	Number of Hours	Total Cost
DWA Labor – Administration	Accountant	\$60	20	\$1,200
CVWD Labor – Administration	Accountant	\$60	20	\$1,200
DWA Labor – Administration	Conservation Coordinator	\$75	20	\$1,500
CVWD Labor – Administration	Conservation Coordinator	\$75	20	\$1,500
DWA Labor – Reporting	Accountant	\$60	20	\$1,200
CVWD Labor – Reporting	Accountant	\$60	20	\$1,200
DWA Labor – Reporting	Conservation Coordinator	\$75	40	\$3,000
CVWD Labor – Reporting	Conservation Coordinator	\$75	40	\$3,000
Task 1 Total				\$13,800

Task 2: Easements

This task is not applicable; therefore, there is no associated budget.

Task 3: Project Evaluation / Design / Engineering

This task is complete; work associated with this task is not included in the budget.

Task 4: Environmental Documentation

It is anticipated a Categorical Exemption will be required for the *DWA Energy Efficiency Project* to comply with CEQA. A DWA staff member will file the Notice of Exemption using 8 hours.

Table 4-12: Task 4 Budget

Activity	Discipline	Hourly Wage	Number of Hours	Total Cost
DWA Labor – File NOE	Conservation Coordinator	\$75	8	\$600
Task 4 Total				\$600

Task 5: Permitting

This task is not applicable; therefore, there is no associated budget.

Task 6: Proposal Monitoring Plan

CVWD and DWA staff will prepare the Proposal Monitoring Plan. Estimated level of effort and costs are shown in the following table.

Table 4-13: Task 6 Budget

Activity	Discipline	Hourly Wage	Number of Hours	Total Cost
DWA Labor – Prepare Plan	Conservation Coordinator	\$75	8	\$600
CVWD Labor – Prepare Plan	Conservation Coordinator	\$75	8	\$600
Task 6 Total				\$1,200

Task 7: Construction / Implementation

Implementation of the *DWA Energy Efficiency Project* consists of a qualified pump contractor completing the work items as described in the Work Plan (Attachment 3). The cost is estimated to be \$89,000 based on similar work conducted in 2013 for DWA's Well 40. A 10% contingency has been added to account for uncertainties that may be encountered in the field and for unknown specific improvements to be made to the pumping plant. This results in a total cost of \$97,900. The invoices from the Well 40 work, the basis for this subtask, are included as Appendix D to Attachment 3.

Table 4-14: Task 7 Budget

Activity	Total Cost
Contractor Fee	\$89,000
10% Construction Contingency	\$8,900
Task 7 Total	\$97,900